



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

## \*BIBDATASHEET\*

CONFIRMATION NO. 7018

Bib Data Sheet

SERIAL NUMBER 10/655,942	FILING OR 371(c) DATE 09/05/2003 RULE	CLASS 029	GROUP ART UNIT 3729	ATTORNEY DOCKET NO. 9281-4591
-----------------------------	--	--------------	------------------------	-------------------------------------

## APPLICANTS

Naoya Hasegawa, Niigata-ken, JAPAN;

## \*\* CONTINUING DATA \*\*\*\*\*

This application is a DIV of 09/905,330 07/13/2001 PAT 6,751,073

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

JAPAN 2000-216347 07/17/2000

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 11/29/2003

Foreign Priority claimed	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY JAPAN	SHEETS DRAWING 20	TOTAL CLAIMS 32	INDEPENDENT CLAIMS 4
35 USC 119 (a-d) conditions met	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature _____ Initials _____				

## ADDRESS

Gustavo Siller, Jr.  
 Brinks Hofer Gilson & Lione  
 P.O. Box 10395  
 Chicago, IL60610

## TITLE

A METHOD OF MANUFACTURING A TUNNELING MAGNETORESISTIVE ELEMENT

FILING FEE RECEIVED 1100	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------	---	---

11/18/06